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GROUP 1
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DOWNGRADING AND
DECLASSIFICATION

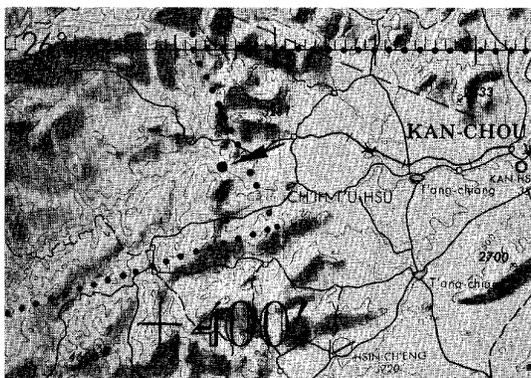
~~TOP SECRET RUFF~~

INSTALLATION OR ACTIVITY NAME					COUNTRY	
Shang-yu Hydro Power Plant and Dam (Tieh-shan-kuan) 25X1A					CH	
UTM COORDINATES	GEOGRAPHIC COORDINATES	CATEGORY	BE NUMBER	COMIREX NO.	WAC-PIC NO.	
N/A	25-49-40N 114-24-10E	[REDACTED]	[REDACTED]	None	0498-103	
MAP REFERENCE						
ACIC. USAF ONC, Sheet H-12, 4th edition, Jan 66, Scale 1:1,000,000 (UNCLASSIFIED)						
LATEST IMAGERY USED				NEGATION DATE (If required)		
[REDACTED]				Not Required		

25X1D

INTRODUCTION

The Shang-yu Hydro Power Plant and Dam (Tieh-shan-kuan) is located on the Chang Chiang (Stream) approximately 28 nautical miles west of Kan-chou, China.



BASIC DESCRIPTION

The dam at this consolidated hydro power plant is approximately 240 feet long and 200 feet wide at the base.

The switching yard, consisting of four sets of switching equipment located on top of the gravity dam, suggests that at least four transformers are located under the top deck. The four turbogenerators are located under the spillway.

25X1D

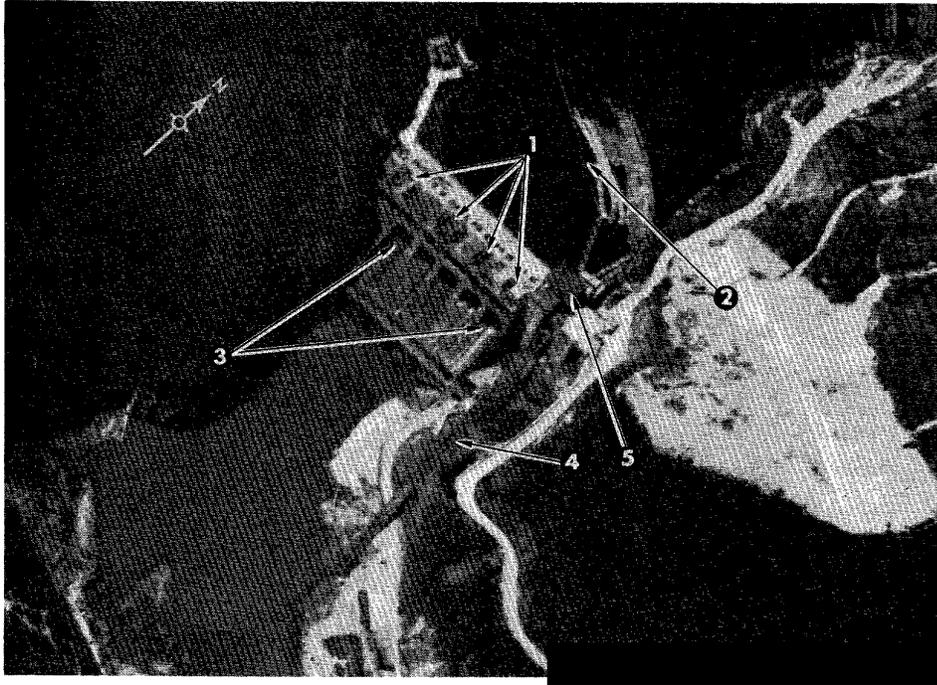
This plant appears to be complete and there has been no construction since [REDACTED] the date of the latest photography used in the referenced report. No turbulence was observed in the tailrace on good-quality photography of [REDACTED]. The other two missions referenced were of poor quality and the status of operation could not be determined. Turbulence was observed in the tailrace on photography dated prior to [REDACTED].

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IMAGERY ANALYSIS SERVICE



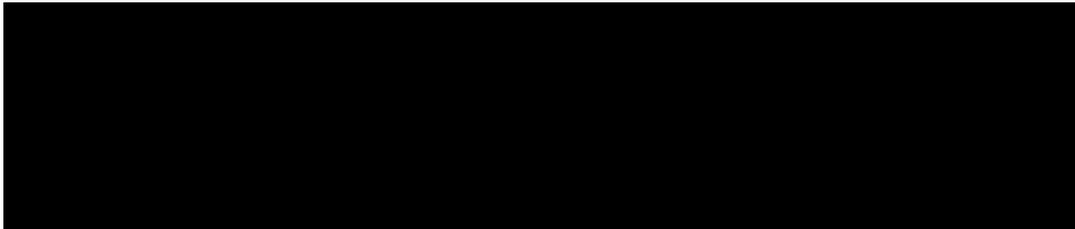
25X1D

Key to Annotations

<u>Item No.</u>	<u>Description</u>	<u>Dimensions (ft)</u>	<u>Remarks</u>
1	Switching Yard	-	-
2	Log Boom	-	-
3	Spillway Outlets (5)	-	-
4	Log Slide	-	-
5	Bridge Crane	-	-

25X1D

REFERENCES



Maps

ACIC. USAF Operational Navigation Chart, Sheet H-12, 4th edition, Jan 66, Scale 1:1,000,000 (UNCLASSIFIED)

Documents

1. CIA/IAD. PIR 65143, Chinese Power Plants, Kiangsi Province, June 1966, TCS 3316/66 (TOP SECRET RUFF)

Requirement

EXSUBCOM - BR-N/002-69

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